

DETAILED ACTION

1. This action is in response to the amendment filed on September 29, 2009. Claims 2-9 are pending and have been considered below.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael W. Garvey on October 07, 2009.

The Claims in the application has been amended as follows.

In the Claims:

- (1) In claim 5, line 3; delete **-means-** between **"unit"** and **"generates"**.

Allowable Subject Matter

3. Claims 2-9 are allowed.
4. The following is an examiner's statement of reasons for allowance: The prior art of record discloses a system for time division duplex communication with multiple

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antennas, where the wireless communication apparatus and the base station or access point estimates the channel and based on the channel condition corrected or calibrate the deviation or imbalance in the transmission and reception circuits and further the base station sends a correction value in the transmitted signal to the user terminal for further correction, but prior art fails to teach or disclose that the correction value detection unit detects the correction value for correcting deviation occurring between the transmission and reception circuits connected to each antenna from the correction signal transmitted from the different wireless communication apparatus i.e. base station with which the wireless communication apparatus conducts communications and the different/second communication apparatus transmits a known signal to first wireless communication apparatus.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
 - a. Vihriala (US 7,016,397) discloses a system and method for processing CDMA signal components.
 - b. Koga et al. (US 2005/0008086) discloses a receiver system and a method for digital multi carrier transmission.

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- c. Westman (US 6,680,967) discloses a channel estimation and propagation path coherence estimation system.
- d. Holtzman et al. (US 6,404,760) describes a CDMA interference cancellation using signal estimation.
- e. Bottomley (US 6,363,104) discloses a system for interference cancellation in rake receivers.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HIRDEPAL SINGH whose telephone number is (571) 270-1688. The examiner can normally be reached on Mon-Fri (Alternate Friday Off) 8:30AM-6:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on 571-272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/H. S./

Examiner, Art Unit 2611

/Shuwang Liu/

Supervisory Patent Examiner, Art Unit 2611